## Classification benchmarks: Gaussian mixture **Decision Trees** 0.6 Model **Product DT** 0.5 Score 5.0 **Euclidean DT** (ambient) Euclidean DT (tangent plane) 0.3 *k*-Nearest Neighbors 0.2 Random Forests 0.7 0.6 Model Product RF 0.5 Score 6.0 Euclidean RF (ambient) Euclidean RF (tangent plane) 0.3 *k*-Nearest Neighbors 0.2 -2 -0.5 -0.25 0.25 0.5 -1 0 -4 Curvature